

Abstract of the Disclosure

A packet switching apparatus includes a plurality of lower layer processing units, a table, and a processing unit. Each of the plurality of lower layer processing units carries out a process for a data link layer and a physical layer to a packet. The table stores flow data which includes a routing data and a search key. The processing unit searches the flow data from the table based on a search key of a routing packet received via one of the plurality of lower layer processing units, when the flow data for the search key of the routing packet is registered on the table. Also, the processing unit selectively transfers the routing packet to one of the plurality of lower layer processing units based on the routing data of the searched flow data.

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